

Form 9-1503

(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR

GEOLOGICAL SURVEY

19040002

173 ✓

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Nushagak R

Nuyakuk River

WATERPOWER OF THE UNITED STATES

State AlaskaStream Nishlik Lake Nuyakuk River Site Nishlik Lake

County _____ Owner _____

Mer. _____ T. _____ R. _____ Sec. _____ Constructed _____

Lat. 60 ° 23 ' " Long. 158 ° 53 ' " Storage 118,000 af 145,551,820 m³

Miles above mouth _____ Installed capacity _____ mw

Drainage Area 46 sq.mi. 119.1 sq. km Installable capacity _____ mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m³/sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	12	0.3	1066	324.9	863	263.0	203	61.9	0.21	
50	97	2.7							1.67	
mean	135	3.8							2.33	16,310

Remarks: **Diverted to Upnuk Lake powerhouse****Taylor Mtns B-8 quadrangle**Prepared by GCG Date _____

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Nuyakuk River

U.S. DEPARTMENT OF INTERIOR
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14-FB

WATERPOWER OF THE UNITED STATES

State Alaska Stream Nisklik Lake Site Nishlik Lake 2592

County _____ Owner _____
Mer. _____ T. _____ R. _____ Sec. _____ Constructed _____
Lat. 60° 23' " Long. 158° 53' " Storage 118,000 af 145,551,820 m³
Miles above mouth 119.1 Installed capacity _____ mw
Drainage Area 46 sq. mi. 135.7 sq. km Installable capacity _____ mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m ³ /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	12	.3	1066	324.9	863	263.0	203	61.9	3,503	
50	97	2.7							1,674	
mean	135	3.8							2,329	16,310 ✓

Remarks: *Diverted to Upruk Lake powerhouse.*

P95-.217 dw

Prepared by _____ Date _____

Taylor Mtns B-8